General Information

1991

Video: 3 Heads Rotary **Audio: Fixed Head 1CW Covers Models:** Akai VS-F300 Akai VC-F320

Matrix See Model Item Mechanical Parts View Akai VS-422/425 89/90 Book. Mechanical Adjustments Akai VS-F10/11 91/92 Book. Back Tension Adjustment Akai VS-F260 Electrical Adjustments Akai VS-F260 Power Supply - VS-F320 EM Akai VS-F260 Akai VS-F260 R/C Other Akai VS-F260

Recommended Safety Parts					
Item	Part No.	Description			
FR201 FR202 FR350 FR501 TR20 TR210 D1 - D12 D16 FR1 - FR4 FR5 TR1 TR2, TR7	ER-400959J ER-404093J ER-400729J ER-404092J ET-389417J ET-389417J ED-511907 ED-404029J ER-404029J ER-400605J ET-381175J ET-366365	R Fuse V TO5 ERD2FCV1/4W1200G R Fuse V TO5 RF25SCVTP1/4WR56K R Fuse V TO5 RF25SCVTP1/4WR47K R Fuse H S10 RF25S 1/4W R56J TR 2SD2096 E,F TO5 TR 2SD2096 E,F TO5 Except EM) D.Silicon 1N4002 100/1.0A D.Zener H.UTZJ10B T26 R.Fuse V TO5 RF25SCVTP1/4WR12K R.Fuse V TO5 ERD2FCV 1/4W15ROG TR2SD1856 TR2SB1185 E,F			
TR3 - TR6	ET-380685J	TR2SD1761 E,F,G			
FR1 - FR4 R5 FR6, FR101 FR102 RL101 TR1, TR5, TR9, TR13	EC-389414J ED-511907 ED-386226J 101 ED-511907 ER-400728J ER-405441J ER-400689J ER-401039J EQ-400153J ET-366365 ET-366365 ET-380685J ET-366168 BT-403252J BT-403873J BT-403873J BT-403251J EW-404003M	C CE V DE7 B102K D Silicon 1N4002 100/1.0A D Schottky RB100AT-32T26 40/1 D.Silicon 1N4002 100/1.0A R Fuse V T05 RF 25SCVTP1/4WR12K R Fuse V T05 RF25SCVTP1/4WR27K R Fuse V T05 RF25SCVTP1/4WR88K R Fuse V T05 ERD2FCV 1/4W 3R7J Relay Pow AG2013 1TR 12V TR2SB1185 E,F TR2SD1761 E,F,G TR2SD1792 Q,R Trans Pow V1130 EA (EA) Trans Pow V1130 EK (EK) Trans Pow V1130 EM (EM) AC Cord 200 SA-2 with Tube S (EA)			

	Mechanical P	onta Tist
	Description	Part No.
	6SET20X30SCM PKR FP	ZS-374458
1	6SET30X080SCM PKR CP	ZG-373900
ĺ		
	Arm Coupling	ML-387311J2
	Arm Damper	ML-391745J2
	Arm Lid Opener	ML-387350J1
ı	Arm Loading BLK 425A	BL-V1102A140
	Arm Pinch Roller (2)	
Į	BLK 425EA	BL-V1102A160
ı	Arm Reveiw Part	ML-387277J3
I	Arm Shutter	ML-387349J2
I		
I	Base Drum	MA-387474J2
ı	Belt Capstan	MB-387289J
ı	BID26X08SRL CMT	ZS-563444
ļ	BID30X06STL CMT	ZS-379405
ı	BID30X08STL CMT	ZS-321298
	BID30X08STL CMT	ZS-321298
İ	BID30X03STL CMT	ZS-425981
l		
l	Capstan Brake Park	BL-387458J2
l	Cassette Load	
l	BLK 425EA	BV-V1102A150A
l	Cord FFC P .25	
	L = 120 13P (WP1)	EW-389313J
	Cushion Cover	SZ-391866J1
	D LED GL451 Infrared (D1)	ED-390011J
	D LED GL4800	
	Infrared (D2)(D3)	ED-390012J
	Disk (2) Part	MT-390954J1
	Disk Clutch Part	MZ-387298J3

Description	Part No.
DT BID30X06STL CMT C080	70 0000501
DT BID30X06STL	ZS-389853J
CMT C080	70 0000501
Earth Brush Part AG	ZS-389853J
Earm Brush Part AG	VT-401282J
Gear Cam Slider (2)	MZ-396021J
Gear Eject	MZ-387335J
Gear Front Loading	MZ-387333J
Gear Toggle(S) LK 425 EA	MZ-
	V1102A090A
Gear Toggle(T) BLK 425 E	A MZ-
	V1102A100A
Gear Worm (2	MZ-401686J
Gear Worm Wheel	MZ-387332J
Guide Front(2)	SE-395554J
Guide Roller D8 Part	VT-387394J1
Head Combo HVMZA1121	
Head E HVFME0020A	HE-390013J
Holder D-LED	MZ-387430J
Holder FPC	SZ-387388J
Holder Head Part B	MZ-402760J
Holder Lever Tension	SZ-38726312
Holder Photo Sensor	MZ-387446J
Holder S Sensor	MZ-387445J
Holder Thrust Worm(2)	MR-404544J
Idler Part	MI-387294J
Leader S BLK 425EA	BV-
LUAUGI O DEN 420EA	V1102A070A
Leader T BLK 425EA	V1102A070A BV-
LUAUGI I DEN 423EA	_,
	V1102A080A

Description	Part No.
Lever Damper (S)	ML-387345J
Lever Damper (T)	ML-387346J
Lever Lock Release	ML-387344J
Lever Trigger	ML-387402J1
Lower Drum BLK F300EA	BV-
	V1123A410D
Main Brake (S) Part	ML-387316J
Main Brake (T) Part	ML-387318J
Mecha Deck Blk F300EA	BB-
	V1130A020B
Motor DFX-67B3VWB1	
(Capstan Motor)	BM-400682J1
Motor E20EL89	
(Drum Motor)	BM-401296J
Motor Part (Loading Motor)	BM-387503J
Nut Review	ZW-401776J
PAN20X02STL BZN PS1	ZS-404844J
PAN26X12STI_CMT	7S-467796
PAN30X06STL CMT	ZS-379350
PC () Sensor	EA-387496J
Plate Upper	MZ-387351J1
PT BID26X06STL CMT	ZS-365149
PT BID26X10STL CMT	ZS-389950J
Pulley Trigger(2)	MR-391968J
PW26X060X050PSL	ZW-389923J
PW31X110X050PSL	ZW-389814J
Retaining Ring Grip	
38OSTL ACP	ZW-332843
Reveiw Brake Part	ML-387321J
Rew Brake Part	MZ-404539J
Roller Impedance	MR-387286J1
Slider Brake(2) Part	ML-396018J
Slider Front Loading	ML-387428J
Slider Pinch Part	ML-387431J1
Slider Trigger(2)	ML-404944J
Slit W17X032X025PSL	ZW-374445
SLIT W21X040X050PSL	ZW-387492J
Socket 174074-5 5P (P1)	EJ-381837J

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١	Description	Part No.
1	Socket Housing	
1	5062-30-10-13 (PS1)	EJ-387497J
Į	SP Plate Earth	ZG-392294J
	SP Plate Holder	ZG-387348J1
1	SP Pull Capstan Brake	ZG-387502J
I	SP Pull Main Brake	ZG-387320J
1	SP Pull Reveiw Brake	ZG-387323J
1	SP Pull Slider	ZG-387468J
1	SP Pull Tension(2)	ZG-395470J
۱	SP Pull Toggle	ZG-387413J1
1	SP Push A/C	ZG-387438J1
ı	SP Torsion Arm Damper	ZG-395567J
	SP Torsion Coupling	ZG-387403J
l	SP Torsion Damper (S)	ZG-387421J
	SP Torsion Damper(T)	ZG-388290J1
	SP Torsion Joint (2)	ZG-392831J
	SP Torsion Load (S)	ZG-387417J
ı	SP Torsion Load (T)	ZG-387418J
	SP Torsion Release	ZG-387420J
ļ	SP Torsion Review	ZG-387282J
l	SP Torsion Rew Brake	ZG-404541J
	SP Trigger	ZG-387443J
	ST BID30X06STL CMT	ZS-358936
	ST BID30X12STL CMT	ZS-336714
	SW Leaf MTS10110MPC1	BS-373099
	SW Mode Select	
	MMSOOO7OZLBO(SW1)	BS-387465J
	Tension Arm BLK F600EA	
		V1123A050A
	Tension Band Part	ML-390768J1
	Tension Brake Part	ML-395471J1
	TR Photo PN268 (TR1)	ET-361490
Ì	TR Photo PT4800	
	(TR2)(TR3)	ET-390010J
	TR Photo PT493F (TR4)	ET-390009J
	Upper Drum BLk F15EA	
	(Except EM)	DV
	(EVCENT EINI)	BV-
	Hanor Drum DLL Coopers	V11102A420G
	Upper Drum BLk F320EM	D) (
	(EM Only)	BV-
		V1102A420H

Service Adjustments

Video REC Current

- "REC", PAL colour bar signal
- P2 (REC CURR), JW188 (C.SYNC) & VR1 (REC-CHROMA), VR2 (RECY)
- Connect an oscilloscope's CH-1 to P2 (REC.CURR) and CH-2 to JW188 (C.SYNC) for triggering. Turn the VR2 (REC-Y) fully counterclockwise.

*Adjust VR1 (REC-CHROMA) so that the chroma REC current becomes 120 mVp-p at the burst signal area.

> *Disconect the input signal, then adjust VR2 (REC-Y) so that Y REC current becomes 4.1 Vp-p.

Note: See Matrix for other adjustments.

	Head	Motors and Miscellaneous	
Pa	art No.	Description	
BN BM HF BM	V-V1123A410D V-V1102A420G M-401296J R-405340J E-390013J M-400682J1 M-387503J	Lower Drum Bik F300EA Upper Drum Bik F15EA Motor E20EL89 (Drum Motor Head Combo HVMZA1121A Head HVFME0020A Motor DFX-67B3VWB1 (Capstan Motor) Motor Part (Loading Motor)	

Waveforms























